

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025417**Date Inspected:** 04-Jul-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC) Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	OBG				

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Vikram Singh was present during the times noted above for observations relative to the work being performed at ZPMC.

BLAST INSPECTION

Blast Shop-4

OBG 13AW

This Quality Assurance (QA) Inspector performed Post blast visual inspection (VT) of internal surfaces of deck plates, edge plate and floor beam in between PP119-1500 to PP119+1500 at CB Side of the OBG 13AW, Areas marked up for weld repair were recorded on a weld map for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel.

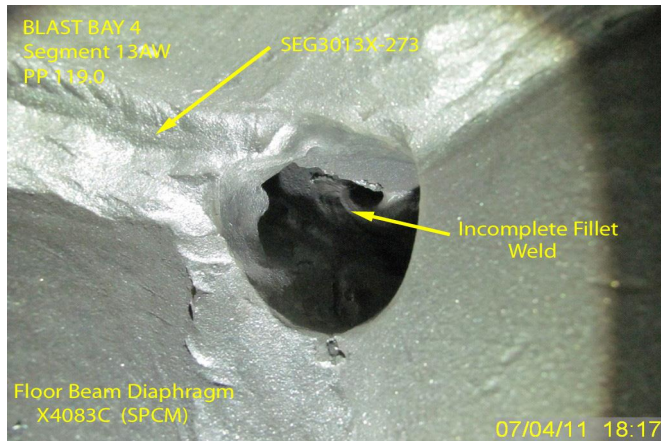
During the Quality Assurance Inspection of Visual testing (VT) of Post blast inspection of Floor beam welds at PP119 of the OBG 13AW [CB Side], this Quality Assurance Inspector (QA) discovered the incomplete fillet weld on weld joint identified as SEG3013X-273 located on floor beam diaphragm to SA3180A. The location is marked up for weld repair and was recorded on a weld map for future repair. For further information, please see the attached pictures below:

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

contract documents.



Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By: Singh, Vikram

Quality Assurance Inspector

Reviewed By: Riley, Ken

QA Reviewer